

WHAT IS CLAIMED IS:

1. A cable arranging construction for arranging a plurality of cables in a cable guide 1 comprising: a plurality of substantially tubular links (11) substantially linearly coupled for bending deformation substantially in a plane, wherein at least some of the cables inserted into the cable guide (1) are flexible flat cables (5) having a plurality of conductors (21) arranged substantially side by side.

2. The cable arranging construction of claim 1, wherein the flat cables (5) are arranged in the cable guide (1) so that a thickness direction (TD) thereof is substantially parallel with a bending direction of the cable guide (1).

3. The cable arranging construction of claim 2, wherein the flat cables (5) are arranged substantially one over another in the cable guide (1).

4. The cable arranging construction of claim 3, wherein an inner space of each link (11) includes a partition (41) dividing the inner space into a first accommodating portion (43) for ordinary cables (3) and a second accommodating portion (45) for the flat cables (5).

5. The cable arranging construction of claim 3, wherein all of the cables in the cable guide (1) are flat cables (5).

6. The cable arranging construction of claim 3, wherein a sidewall of each link (11) is formed with a slit (51) dimensioned for inserting the flat cable (5) into the inner space of the link (11).

7. The cable arranging construction of claim 6, wherein the inner space comprises a cable-introducing portion (53) narrower than the flat cable (5) and a cable holding portion (55) at least as wide as the flat cable (5).

8. The cable arranging construction of claim 6, wherein the cable-introducing portion (53) is between the slit (51) and the cable holding portion (55).

9. A cable guide (1) comprising: a plurality of substantially tubular intermediate links (11) pivotally connected consecutively to one another, a substantially tubular vehicle body link (11) pivotally connected to a first of said intermediate links (11) and pivotally connectable to a vehicle body (31), a substantially tubular sliding door link (11) pivotally connectable to a second of said intermediate links (11) and pivotally connectable to a sliding door (33) of the vehicle body (31), pivotal connections between the links (11) being about substantially parallel axes (AR), a plurality of flexible flat cables (5) extending through said links (11) for connecting the sliding door (31) to the vehicle body (33), each of said cables (5) having a width direction substantially parallel to the axes (AR) of the pivotal connections between the links (11).

10. The cable guide (1) of claim 9, wherein an inner space of each link (11) includes a partition (41) dividing the inner space into a first accommodating portion (43) for ordinary cables (3) and a second accommodating portion (45) for the flat cables (5).

11. The cable guide (1) of claim 9, wherein a sidewall of each link (11) is formed with a slit (51) dimensioned for inserting the flat cable (5) into the inner space of the link (11).

12. The cable guide (1) of claim 11, wherein the inner space comprises an introducing portion (53) narrower than the flat cable (5) and a holding portion (55) at least as wide as the flat cable (5), the introducing portion (53) being between the slit (51) and the holding portion (55).

13. A cable guide (1) for a plurality of flexible flat cables (5), each of said flat flexible cables (5) having a width and a thickness, the cable guide (1) comprising: a plurality of substantially tubular links (11) pivotally connected consecutively to one another for pivoting about substantially parallel axes (AR), each said tubular link (11) having an inner space, a sidewall of each link (11) aligned parallel to the axes (AR) being formed with a slit (51) extending into the inner space and having a width exceeding the thickness of the flat cable (5), the inner space comprising a holding portion (55) at least as wide as the width of flat cable (5).

14. The cable guide (1) of claim 13, further comprising an introducing portion (53) narrower than the width flat cable (5), the introducing portion (53) being between the slit (51) and the holding portion (55).